

Claims

1 A desktop LCD support mainly comprises a fixture module and an inclined support module with features as follows:

the fixture module consists of two axles directly attached to LCD
5 back and two sleeves on a base; the sleeve has a curved opening on its top
for the two axles to match and rotate; at bottom, there is a 90-degree
wedge;

the inclined support module consists of a rotary frame on bottom
back of the LCD and an adjustable fixture at the bottom of the base; the
10 adjustable fixture has a plural number of curved opening on one side at
equal distance in the longitudinal direction for the frame to position; the
frame uses LCD weight to fit into the curved opening;

through this, the two axles of the fixture module match the sleeve on
top of the base. So the LCD uses its own weight to rotate against one side
15 of the base and stands up vertically; the frame rod can match the curved
opening on the adjustable fixture to adjust the LCD angle; the axle, the
frame and the adjustable fixture form a triangle support; after angle
adjustment, LCD can still stand up firmly.

20 2 As described in claim 1 for a desktop LCD support, the base can be a thin
computer or an integrated molded plate.

3 As described in claim 1 for a desktop LCD support, the two sleeves on top
of the base have the same distance and match with the two axles.

4 As described in claim 1 for a desktop LCD support, there is a cavity that
has an edge to match the rotation path in a curved surface for the wedge;
so when the LCD leans against one side of the base, the curved surface
contacts against the wedge at the bottom of the sleeve to form a
5 mechanism to prevent the axle from jumping up and provide a secure
positioning effect.